

AMENDMENTS TO THE CLAIMS

Please amend claim 1, and cancel claims 6-23, as shown below.

1. **(Currently amended)** A method for detecting a cancerous colon cell comprising:
contacting a sample obtained from a test colon cell with a probe for detection of a gene product of a gene differentially expressed in colon cancer, wherein the gene **is identified by SEQ ID NO: 489**~~comprises a sequence selected from the group consisting of SEQ ID NOS: 1-1303~~, said contacting being for a time sufficient for binding of the probe to the gene product; and
comparing a level of binding of the probe to the sample with a level of probe binding to a control sample obtained from a control colon cell, wherein the control colon cell is of known cancerous state;
wherein an increased level of binding of the probe in the test colon cell sample relative to the level of binding in a control sample is indicative of the cancerous state of the test colon cell.

2. **(Original)** The method of claim 1, wherein the probe is a polynucleotide probe and the gene product is nucleic acid.

3. **(Original)** The method of claim 1, wherein the gene product is a polypeptide.

4. **(Original)** The method of claim 1, wherein the gene product is immobilized on an array.

5. **(Original)** The method of claim 1, wherein the probe is immobilized on an array.

6-23. **(Cancelled)**